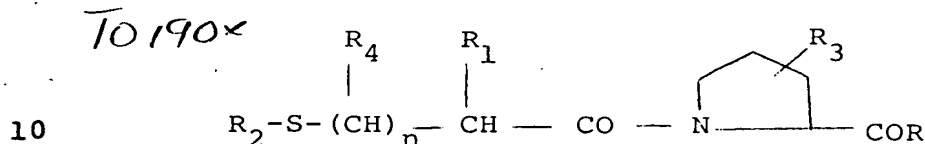


CM What is claimed is:

1. A method for reducing blood pressure which comprises orally administering to a mammalian species having elevated blood pressure ^{a daily dosage of} a combination comprising ^{about 30 to 600 mg.} an effective amount of a compound having the formula



15 ^{Ps} wherein: R is hydroxy, lower alkoxy or NH_2 ;
 R_1 and R_4 each is hydrogen, lower alkyl or phenyl-lower alkyl;
 R_2 is hydrogen or R_5-CO ;
 R_3 is hydrogen, hydroxy or lower alkyl;
 R_5 is lower alkyl, phenyl or phenyl-lower alkyl; and
 n is 0, 1 or 2

20 ^a P_1 and ^{about 15 to 300 mg. of} a diuretic selected from the group consisting of chlorothiazide, hydrochlorothiazide, flumethiazide, amiloride, hydroflumethiazide, bendroflumethiazide, methyclothiazide, trichlormethiazide, polythiazide, benzthiazide, ethacrynic acid, ticrynafen, chlorthalidone, furosemide, bumetanide, triamterene and spironolactone or salts of said compounds.

25 P_1 and P_2 P_1 and P_2 2. A method as in Claim 1 wherein the combination comprises about 30 to 600 mg. of the compound of the formula and about 15 to 300 mg. of the diuretic.

2. A method as in claim 1 wherein the combination comprises about 30 to 300 mg. of the compound of the formula and about 15 to 200 mg. of the diuretic.

3. A method as in claim 1 wherein the compound of the formula has R as hydroxy or lower alkoxy; R₁ as hydrogen or lower alkyl; R₂ as hydrogen or lower alkanoyl; R₃ as hydrogen or hydroxy; R₄ as hydrogen or lower alkyl; and n as 0 or 1.

4. A method as in claim 1 wherein the compound of the formula has R as hydroxy; R₁ as hydrogen or methyl; R₂ as hydrogen or acetyl; R₃ as hydrogen; R₄ as hydrogen or methyl; and n as 0 or 1.

5. A method as in claim 1 wherein the diuretic is chlorothiazide, hydrochlorothiazide, furosemide, ticrynafen or triamterene.

6. A method as in claim 1 wherein the diuretic is hydrochlorothiazide or furosemide.

7. A method as in claim 1 wherein the compound of the formula has R as hydrogen or lower alkoxy; R₁ as hydrogen or lower alkyl; R₂ as hydrogen or lower alkanoyl; R₃ as hydrogen or hydroxy; R₄ as hydrogen or lower alkyl; and n as 0 or 1; and the diuretic is chlorothiazide, hydrochlorothiazide, furosemide, ticrynafen or triamterene.

8. A method as in claim 1 comprising about 30 to 300 mg. of a compound of the formula wherein R is hydroxy or lower alkoxy; R₁ and R₄ each is hydrogen or lower alkyl; R₂ is hydrogen or lower alkanoyl, R₃ is hydrogen or hydroxy; and n is 0 or 1, and about 15 to 200 mg. of chlorothiazide, hydrochlorothiazide, furosemide, ticrynafen or triamterene.

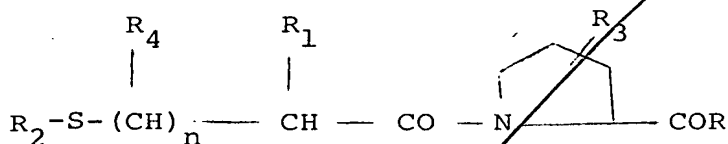
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a 9 ~~10~~. A method as in Claim ~~1~~ wherein the compound of the formula is (D-3-mercapto-2-methylpropanoyl)-L~~e~~ proline and the diuretic is hydrochlorothiazide or furosemide.

5 ~~10~~ ~~11~~. A method as in Claim 1 wherein the compound of the formula is (D-3-mercapto-2-methylpropanoyl)-L-proline in an amount of about 30 to 300 mg. and the diuretic is hydrochlorothiazide in an amount of about 15 to 200 mg.

10 ~~11~~ ~~12~~. A method as in Claim 1 wherein the compound of the formula is (D-3-mercapto-2-methylpropanoyl)-L~~e~~ proline in an amount of about 30 to 300 mg. and the diuretic is furosemide in an amount ~~of~~ ^{of} about 15 to 200 mg.

Sub
C1 ~~15~~ 13. An oral antihypertensive composition comprising about 30 to 600 mg. of a compound of the formula



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wherein R, R₁, R₂, R₃, R₄ and n have the same meaning as in Claim 1, about 15 to 300 mg. of a diuretic selected from the group consisting of chlorothiazide, hydrochlorothiazide, amiloride, flumethiazide, hydroflumethiazide, bendroflumethiazide, methylclothiazide, trichloromethiazide, polythiazide, benzthiazide, ethacrynic acid, ticrynafen, chlorthalidone, furosemide, bumetanide,

Sub a1
[triamterene, spironolactone and salts thereof,
and a physiologically acceptable carrier therefor.

13¹⁴. A composition as in claim 13 comprising
about 30 to 300 mg. of the compound of the formula
and about 15 to 200 mg. of the diuretic.

14¹⁵. A composition as in claim 13 wherein the
compound of the formula has R as hydroxy or lower
alkoxy; R₁ as hydrogen or lower alkyl; R₂ as hydrogen
or lower alkanoyl; R₃ as hydrogen or hydroxy; R₄ as
hydrogen or lower alkyl; and n as 0 or 1.

15¹⁶. A composition as in claim 13 wherein the
compound of the formula has R as hydroxy; R₁ as
hydrogen or methyl; R₂ as hydrogen or acetyl; R₃ as
hydrogen; R₄ as hydrogen or methyl; and n as 0 or 1.

16¹⁷. A composition as in claim 13 wherein the
diuretic is chlorothiazide, hydrochlorothiazide,
furosemide, ticrynafen or triamterene.

17¹⁸. A composition as in claim 13 wherein the
diuretic is hydrochlorothiazide or furosemide.

18¹⁹. A composition as in claim 13 wherein the
compound of the formula has R as hydrogen or lower
alkoxy; R₁ as hydrogen or lower alkyl; R₂ as hydrogen
or lower alkanoyl; R₃ as hydrogen or hydroxy; R₄
as hydrogen or lower alkyl; and n as 0 or 1; and the
diuretic is chlorothiazide, hydrochlorothiazide,
furosemide, ticrynafen or triamterene.

19²⁰. A composition as in claim 13 wherein the
compound of the formula is (D-3-mercapto-2-methyl-
propanoyl)-L-proline and the diuretic is hydrochloro-
thiazide or furosemide.

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~~21~~. A composition as in ~~claim 13~~¹² comprising about 30 to 300 mg. of (D-3-mercapto-2-methylpropanoyl)-L-proline and about 15 to 200 mg. of hydrochlorothiazide.

5 ²¹
~~22~~. A composition as in ~~claim 13~~ comprising about 30 to 300 mg. of (D-3-mercapto-2-methylpropanoyl)-L-proline and about 15 to 200 mg. of furosemide.

C ²²
~~23~~. A composition as in ~~Claim 13~~²⁵ comprising about 5 to 125 mg. of (D-3-mercapto-2-methylpropanoyl)-L-proline and about 2.5 to 50 mg. of hydrochlorothiazide.

C ²³
~~24~~. A composition as in ~~claim 13~~²⁵ comprising about 5 to 125 mg. of (D-3-mercapto-2-methylpropanoyl)-L-proline and about 2.5 to 50 mg. of furosemide.

Subca 15 ²⁵
~~25~~. A composition as in Claim 13 comprising about 5 to 125 mg. of (D-3-mercapto-2-methylpropanoyl)-L-proline and about 5 to 75 mg. of triamterene.

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